

Title (en)
ANTIMICROBIAL POLYMYXIN DERIVATIVE COMPOUNDS

Title (de)
ANTIMIKROBIELLE POLYMIXINDERIVATVERBINDUNGEN

Title (fr)
COMPOSÉS ANTIMICROBIENS DÉRIVÉS DE POLYMYXINE

Publication
EP 3356387 A4 20190313 (EN)

Application
EP 16849954 A 20160929

Priority
• AU 2015903961 A 20150929
• AU 2016050915 W 20160929

Abstract (en)
[origin: WO2017054047A1] The present invention relates to antimicrobial polymyxin derivative compounds and their uses, and in particular to peptide polymyxin antibiotics which may be used in the treatment of bacterial infections such as Gram negative bacterial infections, particularly those caused by multidrug-resistant (MDR) Gram negative bacterial infections.

IPC 8 full level
C07K 7/62 (2006.01); **A61K 38/12** (2006.01); **A61P 31/04** (2006.01)

CPC (source: EP US)
A61K 38/12 (2013.01 - EP US); **A61K 45/06** (2013.01 - US); **A61P 31/04** (2018.01 - EP US); **C07K 7/62** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US); **Y02A 50/30** (2018.01 - EP)

Citation (search report)
• [X] WO 2012168820 A1 20121213 - PFIZER [US], et al
• [X] WO 2015135976 A1 20150917 - NEW PHARMA LICENCE HOLDINGS LTD [MT]
• [X] EP 2332965 A1 20110615 - BIOSOURCE PHARM INC [US]
• [X] THOMAS V. MAGEE ET AL: "Discovery of Dap-3 Polymyxin Analogues for the Treatment of Multidrug-Resistant Gram-Negative Nosocomial Infections", JOURNAL OF MEDICINAL CHEMISTRY, vol. 56, no. 12, 27 June 2013 (2013-06-27), pages 5079 - 5093, XP055255657, ISSN: 0022-2623, DOI: 10.1021/jm400416u
• See also references of WO 2017054047A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017054047 A1 20170406; AU 2016331658 A1 20180419; AU 2016331658 B2 20210401; CA 3000032 A1 20170406; CN 108350034 A 20180731; CN 108350034 B 20220311; EP 3356387 A1 20180808; EP 3356387 A4 20190313; EP 3356387 B1 20240626; JP 2018531241 A 20181025; JP 2022009368 A 20220114; JP 7367950 B2 20231024; US 11225505 B2 20220118; US 2018282374 A1 20181004

DOCDB simple family (application)
AU 2016050915 W 20160929; AU 2016331658 A 20160929; CA 3000032 A 20160929; CN 201680065339 A 20160929; EP 16849954 A 20160929; JP 2018516423 A 20160929; JP 2021172501 A 20211021; US 201615763954 A 20160929